

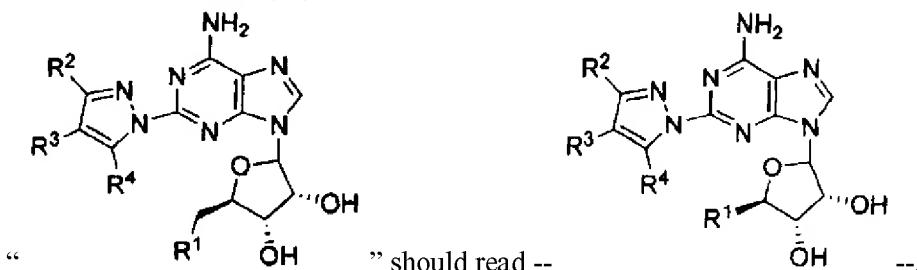
UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,403,567 B1  
APPLICATION NO. : 09/338185  
DATED : June 11, 2002  
INVENTOR(S) : Zablocki, Elzein and Palle

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

TITLE PAGE, ITEM (57) ABSTRACT



IN THE SPECIFICATION

Column 1

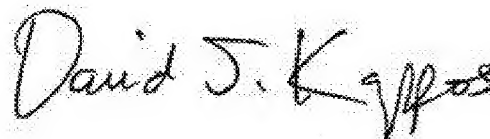
Line 11, “such poor” should read --such as poor--;  
Line 22, “mean” should read --means--;  
Line 30, “drugs such” should read --drugs, such--;  
Line 32, “A3” should read --A<sub>3</sub>--;  
Line 32, “in a mast” should read --in mast--;  
Line 33, “give” should read --given--;  
Line 36, “A-V mode” should read --AV node--;  
Line 40, “for the nausea” should read --for nausea--;  
Line 60, “N-pyrazole” should read --N-pyrazoles--.

Column 2

Line 17, “vasodilatation” should read --vasodilation--;  
Line 18, “induced” should read --and inducing a--;  
Line 42, “R<sup>1</sup> = CH<sub>2</sub>OH, -CONR<sub>5</sub>R<sub>6</sub>” should read --R<sup>1</sup> = CH<sub>2</sub>OH or -CONR<sup>5</sup>R<sup>6</sup>--;  
Line 60, “CON(R<sub>20</sub>)<sub>2</sub>” should read --CON(R<sup>20</sup>)<sub>2</sub>--;  
Line 63, delete “substituted” after optional.

This certificate supersedes the Certificate of Correction issued May 8, 2012.

Signed and Sealed this  
Third Day of July, 2012



David J. Kappos  
Director of the United States Patent and Trademark Office

Column 3

Line 5, “group of” should read --group consisting of--;  
 Line 13, delete “substituted” after optional;  
 Line 17, “CON(R<sup>20</sup>)<sub>2</sub>” should read --CON(R<sup>20</sup>)<sub>2</sub>--;  
 Line 25, “the group of” should read --the group consisting of--;  
 Line 28, “NR<sup>20</sup>CO<sub>2</sub>R<sub>22</sub>,” should read --NR<sup>20</sup>CO<sub>2</sub>R<sup>22</sup>,--;  
 Lines 32 and 52, delete “substituted” after optional;  
 Line 47, “N(R<sub>20</sub>)<sub>2</sub>,” should read --N(R<sup>20</sup>)<sub>2</sub>--;  
 Line 49, “CON(R<sub>20</sub>)<sub>2</sub>,” should read --CON(R<sup>20</sup>)<sub>2</sub>--.

Column 4

Lines 22 and 49, “CF<sub>3</sub> CN” should read --CF<sub>3</sub>, CN--;  
 Line 23, “group of” should read --group consisting of--;  
 Line 23, “C<sub>1</sub>-C<sub>15</sub>” should read --C<sub>1-15</sub>--;  
 Line 24, “substituent and” should read --substituent, and--;  
 Line 24, delete “that”;  
 Lines 30 and 47, “CN, OR<sup>20</sup>” should read --CN, and OR<sup>20</sup>--;  
 Line 38, “group” should read --groups--;  
 Line 56, “from of hydrogen,” should read --from hydrogen--;  
 Line 62, “in that aryl is” should read --wherein the aryl substituent is--;  
 Line 66, “hydrogen, and” should read --hydrogen and--.

Column 5

Line 6, “C<sub>1-3</sub>” should read --C<sub>1-3</sub>alkyl--;  
 Line 9, “ethyl-1-” should read --ethyl 1-1-.

Column 6

Line 28, “branched alkenyl” should read --branched alkynyl--.

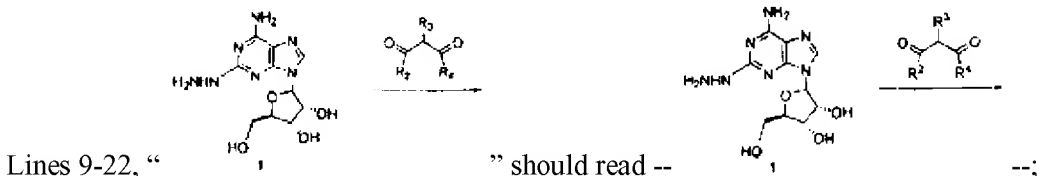
Column 7

Line 2, “by” should read --be--;  
 Line 3, “hetaryl, substituted hetaryl” should read --hetaryl, or substituted hetaryl--.

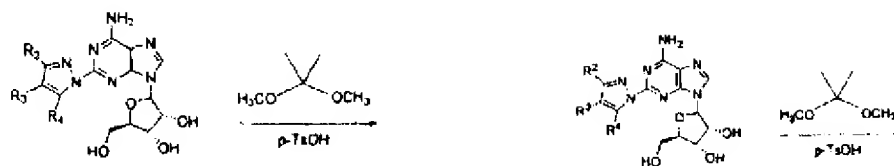
Column 8

Line 2, “Heterocycyl” should read --Heterocycyl--;  
 Line 12, “mono or poly substituted” should read --mono- or poly-substituted--.

Column 9



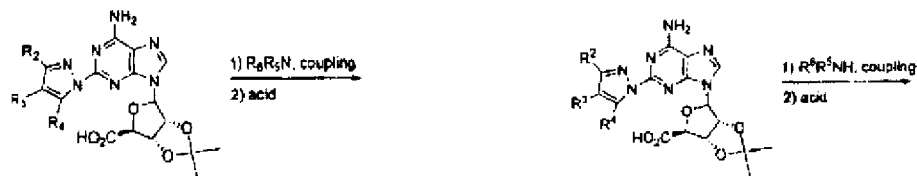
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Lines 24-36, “  
” should read --  
--;

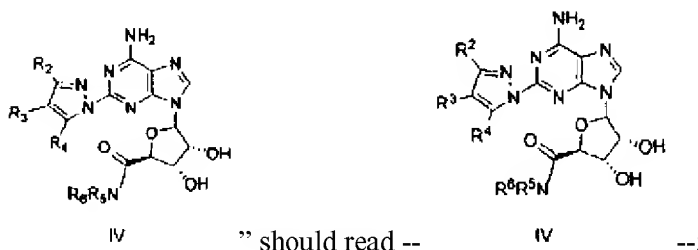


Lines 39-52, “  
” should read --  
--;



Lines 53-65, “  
” should read --  
--.

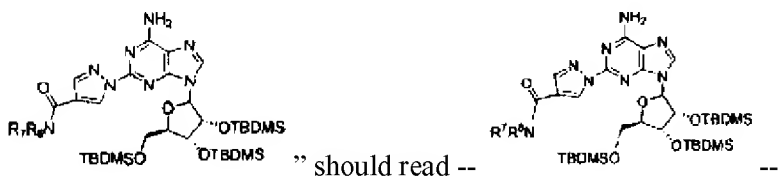
#### Column 10



Lines 2-15, “  
” should read --  
--;

Line 30, “ $HNR^6R^7$ ” should read -- $HNR^6R^5$ --.

#### Column 11



Lines 15-25, “  
” should read --  
--;

Line 34, “ $HNR^6R^7$ ” should read -- $HNR^7R^8$ --.





#### Column 12

Line 57, “ $CH_3NH_2$ ” should read -- $CH_3NH_2$ --.

#### Column 13

Line 27, “80 ° C.” should read --80° C--;



Lines 31-39, “  ” should read --   --;

Line 50, “A1” should read --A<sub>1</sub>--;

Line 51, “AV-node” should read --AV node--;

Line 52, “side-effects” should read --side effects--;

Line 58, “vasodilatation” should read --vasodilation--.

#### Column 14

Line 14, “biological” should read --biologically--;

Line 25, “proteinase” should read --proteinases--;

Line 31, “agents” should read --agent--.

#### Column 15

Line 60, “((0.019 g, 0.12 mmol))” should read --(0.019 g, 0.12 mmol)--;

Line 61, “heated [heated]” should read --heated--;

Line 61, “80° C. for” should read --80° C for--.

#### Column 16

Lines 27 and 62, “80° C. for” should read --80° C for--.

#### Column 17

Line 28, “80° C. for” should read --80° C for--;

Line 62, “heated at 65° C. in for” should read --was heated at 65° C for--.

#### Column 18

Line 27, “Δ3.75” should read --δ 3.75--;

Line 35, “A2A” should read --A<sub>2A</sub>--;

Line 45, “nM .” should read --nM.--;

Line 45, “23° C. for” should read --23° C for--;

Line 51, “Ki’s.” should read --Ki’s--.